

FEB 22 2005



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
 Akira TSUKIHASHI  
 Serial No: 10/082,829  
 Confirmation No: 4622  
 Filed: February 20, 2002  
 For: Interface Circuit And Disk Drive Apparatus

Art Unit: 2116

Examiner: Paul B. Yanchus, III

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450, on  
February 17, 2005  
 Date of Deposit  
 John P. Scherlacher, Reg. No. 23,009  
 Name  
John P. Scherlacher 02/17/05  
 Signature Date

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE		ADD'L FEE DUE
TOTAL CLAIMS FEE	19	-20	20	**	0	LG=\$50 SM=\$25	\$50
INDEPENDENT CLAIMS FEE	3	-3	3	***	0	LG=\$200 SM=\$100	\$200
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS						LARGE ENTITY FEE = \$360 SMALL ENTITY FEE = \$180	\$
						<b>TOTAL</b>	<b>\$ 0</b>

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- A check in the amount of \$\_\_\_\_ to cover the additional claims fee is enclosed. **A copy of this sheet is enclosed.**
- A check in the amount of \$\_\_\_\_ to cover the extension fee is enclosed. **A copy of this sheet is enclosed.**
- The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**
- Any filing fees under 37 C.F.R. 1.16 for the presentation of extra claims
- Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted  
 HOGAN & HARTSON L.L.P.

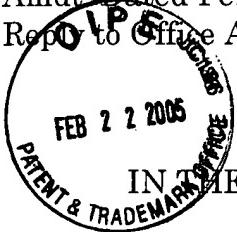
By: John P. Scherlacher  
 John P. Scherlacher  
 Registration No. 23,009  
 Attorney for Applicant(s)

Date: February 17, 2005

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Appl. No. 10/082,829  
Amtd. Dated February 17, 2005  
Report to Office Action of December 15, 2004

Attorney Docket No. 81784.0252  
Customer No.: 26021



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In re application of:  
Akira TSUKIHASHI  
Serial No: 10/082,829  
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DISK DRIVE APPARATUS

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 02/17/05

Signature

Date

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action of December 15, 2004, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.